Khuat Quang An (Andy Quang)
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EDUCATION

FPT UNIVERSITY   Hoa Lac, VN
Bachelor of Computer Science
Cumulative GPA: 3.4/4
Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

Companies

CMC Global   June 2024 - Present
Fullstack Engineer

VMO Global   June 2023 - June 2024
Fullstack Engineer

Freelance   Since Jan 2021
Fullstack Engineer

SKILLS

Technical Skills: Typescript, Javascript, HTML/CSS, Golang, Python, Graphql, Postgres, MongoDB, Github Actions, AWS cloud services.
Frameworks and libraries: Nextjs, React, Angular, React Native, NestJs, ExpressJs, Gin (golang)
Languages: Fluent in English, Vietnamese
Certifications & Training: AWS Certified Solutions Architect Associate 2024 (Udemy), IELTS certificate by British Council.

EXPERIENCE

Fintech app   Jan 2025 – Present
FullStack Engineer
- Contributed to a fintech application with over 200 microservices, and a team of 36 people. Utilizing diverse programming languages and frameworks including Node.js, PHP, React, and Nest.js to enhance modularity and scalability.
- Developed and maintained mobile features using React Native with TypeScript and Tailwind CSS for a seamless cross-platform experience.
- Integrated frontend with GraphQL and RESTful APIs to manage real-time loan workflows and user actions.
- Built backend endpoints using Node.js to handle authentication, loan status logic, and vendor data syncing.
- Leveraged advanced GraphQL features to create efficient and flexible APIs, optimizing data fetching and reducing over-fetching, thus improving application performance and user experience.
- Utilized AWS services such as ECS and SQS to facilitate container orchestration and message queuing, ensuring high availability and reliability of the application.
- Ensured robust code quality, performance, and accessibility through CI/CD pipelines and automated testing.
- Participated in Agile development processes, contributing to sprint planning, code reviews, and retrospectives to continuously improve team productivity and code quality.
- Achievements:
- Enhanced loan application completion rate by streamlining mobile UX and backend validations.
- Reduced vendor onboarding time by 30% through backend service automation.
- Enabled Bluetooth-based insights for energy tracking, improving user transparency and engagement.
- Contributed to faster release cycles and higher stability via improved CI workflows and backend logging.
- Technologies: **NestJs , Nodejs , React, AWS SQS , Prisma , PostgresSQL, AWS EventBridge, Auth0 …**

Northstar   Jun 2024 – April 2025

Fullstack developer
- Developed and maintained key features of the NorthStar webpage, enhancing user experience and functionality.
- Implemented an advanced drag-and-drop table using React Flow, allowing users to create and manage connectable nodes seamlessly.
- Designed a multi-step form for multiplayer interactions, ensuring real-time synchronization of changes across different users using Liveblocks.
- Integrated data fetching and pushing capabilities to popular CRM systems such as HubSpot and Pipedrive, streamlining data management and user workflows.
- Enhanced webpage's performance by utilizing React 's best practices.
- Achievements:
- Multiple users reported that the webpage felt more responsive after we pushed new changes .
- Achieved a 40% reduction in the webpage's Largest Contentful Paint (LCP) through optimization techniques such as lazy loading and CSS minification.
- Effectively developed complex features tailored to user workflows, enhancing daily tasks and attracting more customers to the company.
- Technologies: **NextJs, Golang, ReactFlow, Liveblocks, Neon, PostgresQL, Prisma,** …

Waivpay   Jan 2023 – June 2024
Frontend developer
- Developed and maintained core features of the Waivpay mobile app using React Native, including features such as gift card purchases, balance checks, and Apple Wallet integration.
- Enhanced contact list functionality and optimized app performance based on user feedback.
- Connected frontend applications with backend services to enable dynamic content and enhance user engagement.
- Incorporated animations and interactive elements to improve the overall user interface and experience.
- Implemented secure authentication flows and addressed verification code issues on iOS.
- Integrated Firebase for push notifications, analytics, and real-time updates.
- Technologies: **React Native, ReactJS, Firebase, CodePush, SignalR, Apple Wallet integration**

EcoOne   May 2022– April 2023
React Native developer
- Developed key features including the smart home screen, EcoID integration for bill payments, and service booking with voucher support.
- Integrated real-time bus route and schedule updates for Ecobus using Firebase.
- Implemented state management using MobX and Redux Thunk to handle complex UI interactions and async flows.
- Delivered OTA updates via CodePush to ensure quick patching and feature releases.
- Achievements:
- Successfully launched new features that improved user engagement and in-app service usage.
- Reduced crash rates and app loading time through performance profiling and bug resolution.
- Enabled residents to conveniently manage personal data, transportation, and payments within a single mobile interface.
- Technologies: **React Native, MobX, Redux Thunk, Firebase, CodePush**

Myria   May 2021 – May 2022
React Native developer
- Developed dashboard interfaces for node operators and governance participants.
- Utilized GraphQL to access real-time decentralized data.
- Integrated smart contract listeners using Ethers.js for node interactions.
- Used Firebase for user management and metadata storage.
- Achievements:
- Onboarded 10k+ users for node tracking and daily token rewards.
- Enabled DAO governance participation with secure and intuitive voting interfaces.
- Optimized GraphQL handling to scale with user and NFT growth.
- Technologies: **NextJS, Redux-Persist, GraphQL, Firebase, TailwindCSS, Ethers.js, Web3**